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(54) **APPLICATIONS OF PROCESSING PACKETS
WHICH CONTAIN GEOGRAPHIC
LOCATION INFORMATION OF THE PACKET
SENDER**

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(71) Applicant: **A10 Networks, Incorporated**, San Jose,
CA (US)

(57) **ABSTRACT**

(72) Inventors: **Michael FRIEDEL**, Alexandria, VA
(US); **Hasnain KARAMPURWALA**,
Santa Clara, CA (US); **Gurudeep
KAMAT**, San Jose, CA (US)

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A method for routing Internet traffic is disclosed. The method comprises receiving an IPv6 packet. Further, the method comprises determining if the IPv6 packet comprises an extension header with geo-location information. Finally, responsive to a determination that the IPv6 packet comprises an extension header with geo-location information, the method comprises performing an action based on the geo-location information, wherein the action is selected from the group consisting of: authenticating the IPv6 packet, prioritizing the IPv6 packet relative to other packets, routing the IPv6 packet, and monitoring of the IPv6 packet.

